



Your Reference: CAF-207-A

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Richard Hallam
 Serial Number: 10/565,428
 Filing Date: January 18, 2006
 Examiner/Group Art Unit: Unknown/Unknown
 Title: AIR FILTRATION DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P. O. Box 1450
 Alexandria, Virginia 22313-1450

Sir:

Applicants hereby cite the references listed on the attached form PTO-1449 as relating to the subject matter of the invention described and claimed in the above-identified application.

This Information Disclosure Statement and the references cited herein are being submitted before the issuance of a first Office Action thereon.

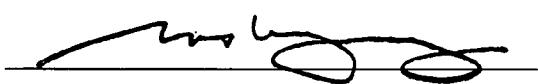
Submitted herewith are prior art cited in search reports of a foreign patent office in a counterpart application.

A copy of each cited U. S. reference is not enclosed pursuant to United States Patent and Trademark Office OG Notices: 05 August 2003, which waives the requirement to submit a copy of each cited U. S. Patent and U. S. Patent Application Publication for all U. S. National Patent Applications filed after June 30, 2003.

These references constitute all the information of which the individuals are currently aware.

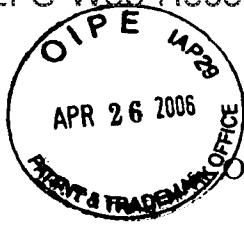
Entry of the Information Disclosure Statement and consideration of the references cited herein respectfully requested.

YOUNG & BASILE, P.C.



Thomas N. Young
 Attorney for Applicant
 Registration No. 20,985
 248-649-3333

3001 W. Big Beaver Road, Suite 624
 Troy, Michigan 48084-3107
 Dated: April 20, 2005
 TNY/lkl



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CERTIFICATE OF MAILING AND TRANSMITTAL LETTER

Commissioner for Patents
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Alexandria, Virginia 22313-1450

Sir:

Transmitted with this document is an Information Disclosure Statement, PTO Form 1449, a copy of forty-eight (48) Foreign Patents, Patent Specification, Abstracts of Patents, Patent Searches, Patent Abstracts, Published U. S. Patent Applications and WIPO Patent Applications, and copies of twenty-three (23) Other References, and a postage-paid, return Postcard in the above-identified application.



No additional fee is required.



Please charge any deficiency or credit any excess in the enclosed fees to Deposit Account Number 25-0115.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450, on April 20, 2005.



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Sheet 1 of 18

FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT		ATTY. DOCKET NO CAF-207-A	SERIAL NO. 10/565,428				
		APPLICANT DAVID RICHARD HALLAM					
		FILING DATE January 18, 2006	GROUP 1797				
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
A		US RE 38,130 E	06-03-2003	Billy Joe Adams	422	186.3	11-14-1997
AA		906,468	12-08-1908	J. Steynis			09-03-1908
AB		1,157,859	10-26-1915	W.O. Freet			09-09-1912
AC		1,454,219	05-08-1923	R. Goedicke			02-28-1920
AD		1,505,669	08-19-1924	J.R. Quain			12-08-1919
ARE		2,876,188	03-03-1959	C.E. Thorp, et al.			03-21-1955
AF		2,937,983	05-24-1960	E.J. Ryan			03-11-1955
AG		3,256,164	06-14-1966	J.A. Donohue, et al.			10-30-1963
AH		3,309,300	03-14-1967	A.V. Grosse, et al.			08-21-1963
AI		3,326,747	06-20-1967	E.J. Ryan, et al.			05-17-1965
AJ		3,730,874	05-01-1973	H. Trüb			11-22-1971
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION/FILING DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
AK		EP 1 249 265 A1	10-16-2002	European Patent Office			
AL		Abstract & Patent GB 2 358 350 A	07-25-2001	Great Britain			
AM		EP 0 824 041 A2	02-18-1998	European Patent Office			
AN		EP 1 348 448 A1,	10-01-2003	European Patent Office			
AO		Abstract, Patent No. DE 298 08 126 U1 & English translation	09-03-1998	Germany			
AP		Abstract & Patent CA 1,256,284	06-27-1989	Canada			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
AQ		Rapid Communication article <i>Gas Phase Corona Discharges for Oxidation of Phenol in an Aqueous Solution</i> , by W.F.L.M. Hoeben, E. M. vanVeldhuizen, W. R. Rutgers and G. M. W. Kroesen, J. Phys. D: Appl. Phys 32 (1999) L133-L137					
AR		<i>Cold Plasma Reactor with Dielectric Barrier Discharge</i> , printed by T. Opalinska, printed by Industrial Chemistry Research Institute, Rydygiera 8, 01 792 Warszawa, Poland					
AS		<i>A Compact Corona Discharge Device (CDD™) for Non-Thermal Plasma Generation in Gasoline or Diesel Engine Exhaust</i> , Jack Ekchian, Vic Nowak, and Jim Rush, printed by Litex, Inc.					
AT		<i>Effects on Bacteria and Viruses</i> , written by Ozonet – Warren Wood, from website of Ozone Solutions, Inc.					
AU		<i>Make Some Ozone</i> , article taken from http://www.emanator.demon.co.uk/bigclive/ozone.html website					
EXAMINER /Richard Chiesa/			DATE CONSIDERED 02/28/2008				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not considered. Include a copy of this form with next communication to applicant.							

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U. S. PATENT DOCUMENT

EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	3,833,492	09-03-1974	Ballyky	204	176	03-22-1973
	AB	3,856,671	12-24-1974	Lee, et al.	210	63	11-21-1972
	AC	3,865,733	02-11-1975	Taylor	250	532	01-30-1974
	AD	3,967,131	06-29-1976	Slipiec, et al.	250	539	06-04-1974
	AE	3,883,413	05-13-1975	Douglas-Hamilton	204	176	05-20-1974
	AF	3,892,237	07-01-1975	Steiner	128	216	07-17-1974
	AG	3,905,920	09-16-1975	Botcharoff	250	536	04-06-1973
	AH	3,921,002	11-18-1975	Williams, et al.	250	533	04-22-1974
	AI	3,963,625	06-15-1976	Lowther	250	533	03-12-1975
	AJ	3,967,131	06-29-1976	Slipiec, et al.	250	539	06-04-1974

FOREIGN PATENT OR PUBLISHED PATENT APPLICATION

		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	Abstract & Patent CH 669 116 A5	02-28-1989	Switzerland			
	AL	Abstract & Patent DE 199 36 455 A1	02-08-2001	Germany			
	AM	Abstract & Patent DE 199 42 839 A1	04-19-2001	Germany			
	AN	Abstract & Patent DE 100 14 485 A1	09-27-2001	Germany			
	AO	Abstract & Patent DE 195 13 943 A1	10-17-1996	Germany			
	AP	Abstract & Patent FR 2 835 517	08-08-2003	France			

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

AQ	Honeywell Electronic Air Cleaners, advertisement taken from http://www.hvacoracle.com/parts/ventilation/hw_eac.html website on 07/07/2004
AR	QuickPure™ by Alab, LLC advertisement taken from http://www.quickpure.com/pg0.html website on 03 June 2003
AS	ARIA PureAir Ltd. advertisement <i>Produce Comparisons</i> , taken from http://www.ariaair.com/comp.asp website on 02/07/2003
AT	Ozone Generators that are Sold as Air Cleaners: An Assessment of Effectiveness and Health Consequences, Indoor Air – Publications article by U.S. Environmental Protection Agency
AU	Investigation of gaseous ozone for MRSA decontamination of hospital side-rooms, A. W. Berrington and S. J. Pedler, article by NCBI Pub Med 1: J Hosp Infect. 1998 Sep; 40(1):61-5; (National Library of Medicine "NLM") from NCBI website

EXAMINER /Richard Chiesa/	DATE CONSIDERED 02/28/2008
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	AA	3,988,131	10-26-1976	Kanazawa, et al.	55	126	11-14-1975
	AB	4,019,986	04-26-1977	Burris, et al.	210	139	06-11-1973
	AC	4,025,441	05-24-1977	Tabata, et al.	250	540	08-11-1975
	AD	4,035,657	07-12-1977	Carlson	250	533	12-24-1975
	AE	4,048,668	09-13-1977	Von Bargen, et al.	361	235	05-09-1975
	AF	4,049,400	09-20-1977	Bennett, et al.	55	139	04-07-1976
	AG	4,049,552	09-20-1977	Arff	210	192	11-17-1975
	AH	4,051,045	09-27-1977	Yamamoto, et al.	250	536	05-14-1975
	AI	4,062,748	12-13-1977	Imris	204	176	09-06-1975
	AJ	4,079,260	03-14-1987	Dmitriev, et al.	250	540	07-20-1976
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	Abstract and Patent No. GB 1 531 309	11-08-1978	Great Britain			
	AL	Abstract and Patent No. JP 11-56673	06-20-1989	Japan			
	AM	Abstract of Patent EP 1 175 943	01-30-2002	Japan			
	AN	Abstract and Patent No. EP 0 731 320 A2	09-11-1996	European Patent Office			
	AO	Abstract and Patent No. EP 1 079 183 A2	02-28-2001	European Patent Office			
	AP	GB 2 340 035 A	07-31-1998	United Kingdom			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
	AQ	<i>Ozone Disinfection</i> Fact Sheet, by Clement Solomon, Peter Casey, Colleen Mackne, & Andrew Lake, project funded by the U.S. Environmental Protection Agency under Assistance Agreement No. CX824652; Technology Initiative (ETI), ©1998 by the National Small Flows Clearinghouse					
	AR	<i>Fundamentals of Ozonation</i> by Ron Brook and Ron Barnes (of Prozone Internation, Inc.), Home Vistek Commercial Ozone Systems					
	AS	Ozone Air disinfection and deodoursation advertisement for ozone generator taken from website http://www.1x1x1.com/ozone/air_disinfection					
	AT	<i>Biozone® PureWave™ versus Corona Discharge</i> article by Biozone Scientific advertisement from http://www.inspiredliving.com/cleanair/compare_coronadischarge.html website					
	AU	<i>Overview of Ozone</i> , article from ARCE Systems, Inc. website: info@arcestems.com					
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U. S. PATENT DOCUMENT

EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	4,095,115	06-13-1978	Orr, Jr., et al.	250	538	12-27-1976
	AB	4,101,783	07-18-1978	Hutter	250	540	01-12-1977
	AC	4,123,664	10-31-1978	Yamamura, et al.	250	536	04-20-1977
	AD	4,124,467	11-07-1978	Pincon	204	157.1	12-30-1975
	AE	4,128,768	12-05-1978	Yamamoto, et al.	250	535	07-19-1977
	AF	4,131,528	12-26-1978	Tsujimoto, et al.	204	157.1	12-23-1976
	AG	4,140,608	02-20-1979	Vaseen	204	176	08-22-1977
	AH	4,182,663	01-08-1980	Vaseen	204	157.1	03-13-1978
	AI	4,159,971	07-03-1979	Gneupel	250	540	01-31-1977
	AJ	4,167,466	09-11-1979	Orr, Jr., et al.	204	176	04-28-1978

FOREIGN PATENT OR PUBLISHED PATENT APPLICATION

		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	Search Report for App. GB 9916349.5	Date of Search 11-12-1999	United Kingdom Pat. Off.			
	AL	GB 2 229 365 A	03-16-1990	United Kingdom Pat. Off.			
	AM	JP Patent Abstract for Pub. 03207363 A	09-10-1991	Japanese Patent Off.			
	AN	JP Patent Abstract for Pub. 03035018 A	02-15-1991	Japanese Patent Off.			
	AO	JP Patent Abstract for Pub. 05044958 A	02-23-1993	Japanese Patent Off.			
	AP	JP Patent Abstract for Pub. 06105897 A	04-19-1994	Japanese Patent Off.			

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AQ	<i>Ozone Generation in Dry Air Using Pulsed Discharges with and without a Solid Dielectric Layer</i> , article by W. J. M. Samaranayake, YT. Miyahara, T. Namihira, S. Katsuki, R. Hackam, H. Akiyama, published: IEEE Trans. DEI, Vol. 87 pp. 687-697, 2001
AR	<i>Corona Discharge Treatment for Medical Surface Preparation</i> , by Bruce Stobbe, article from Medical Device & Diagnostic Industry Magazine, originally published February 2000, from website: http://www.devicelink.com/mddi/archive/00/02/004.html
AS	<i>A Simple and Efficient Ozone Generator</i> by Debra J. Sponholtz, Michael A. Walters, Jimmy Tung, and Joseph J. BelBruno, <i>Journal of Chemical Education</i> , Vol. 76, No. 12, December 1999, Department of Chemistry, Dartmouth College, Hanover, NH 03755
AT	<i>A History of Patented Methods of Ozone Production From 1897 to 1997</i> , JAngela E. Miller, Wm. R. Grow, Leigh Ann Dees, Michael R. Mitchell, Thomas J. Manning, Laboratory of Physical Environmental Sciences Department of Chemistry, Valdosta State University, Valdosta, GA 31698
AU	<i>Electrical Discharges (How the spark, glow and arc work)</i> , article composed by J. B. Calvert, 3 November 2002, on website http://www.du.edu/~jcalvert/phys/dischg.html

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	AA	4,167,484	09-11-1979	Morikawa	250	533	09-11-1979
	AB	4,187,615	02-12-1980	Iwata	34	1	05-05-1978
	AC	4,189,363	02-19-1980	Beitzel	204	157.1	02-21-1979
	AD	4,202,618	05-13-1980	Waschk, et al.	355	3	12-30-1977
	AE	4,203,948	05-20-1980	Brundbjerg	422	121	07-26-1978
	AF	4,216,096	08-05-1980	Parè	250	539	08-08-1978
	AG	4,234,800	11-18-1980	Kenly, V, et al.	250	540	01-29-1979
	AH	4,244,712	01-13-1981	Tongret	55	124	03-05-1979
	AI	4,252,623	02-24-1981	Vaseen	204	157.1	10-03-1979
	AJ	4,316,782	02-23-1982	Foller, et al.	204	129	05-29-1980
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		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	JP Patent Abstract for Pub. 07232028 A	09-05-1995	Japanese Patent Off.			
	AL	JP Patent Abstract for Pub. 08114332 A	05-07-1996	Japanese Patent Off.			
	AM	JP Patent Abstract for Pub. 08173517 A	07-09-1996	Japanese Patent Off.			
	AN	JP Patent Abstract for Pub. 08253025 A	10-01-1996	Japanese Patent Off.			
	AO	JP Patent Abstract for Pub. 09075436 A	03-25-1997	Japanese Patent Off.			
	AP	JP Patent Abstract for Pub. 10253096 A	09-25-1998	Japanese Patent Off.			
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
	AQ	<i>The Fontan Device</i> , article taken from website http://cloudbase.phy.umist.ac.uk/people/dorsey/Font.html on 03/Jul/2003.					
	AR	<i>5.2 Ozonolysis of Alkenes under Atmospheric Conditions</i> , article taken from website http://www.physchem.uni-suppertal.de/P.../05_2_Ozonolysis/05_2_1_Peroxides.html on 03/Jul/2003					
	AS	<i>3. Ozone</i> , EPA Guidance Manual, "Alternative Disinfectants and Oxidants", April 1999					
	AT	<i>Ozone Out for Indoor Air Cleaners</i> , by John Manuel, from "Home Energy Magazine Online" November/December 1998, from website http://hem.dis.anl.gov/eehem/98/981110.htm					
	AU	<i>The Technical Merits and Application of Different Types of Air Cleaning Technology</i> , by Stephen H. Zitin of Bioclimatic, Inc., 13 May 2003, from website: http://www.wescorhvac.com/BioPaper.html					
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	4,317,044	02-23-1982	Vaseen	422	186.3	06-04-1979
	AB	4,329,212	05-11-1982	Obenshain	204	157.1	10-27-1980
	AC	4,351,734	09-28-1982	Kauffman	210	748	09-15-1978
	AD	4,370,301	01-25-1983	Doi, et al.	422	122	11-28-1980
	AE	4,375,395	03-01-1983	Foller, et al.	204	129	05-21-1981
	AF	4,383,976	05-17-1983	Notaro	422	186.18	01-01-1980
	AG	4,386,055	05-31-1983	McBride	422	186.18	12-19-1980
	AH	4,411,756	10-25-1983	Bennett, et al.	204	176	03-31-1983
	AI	4,416,747	11-22-1983	Menth, et al.	204	129	04-29-1982
	AJ	4,417,966	11-29-1983	Krauss, et al.	204	176	11-12-1981
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	JP Patent Abstract for Pub. 62057662 A	03-13-1987	Japanese Patent Off.			
	AL	JP Patent Abstract for Pub. 200140688 A	05-23-2000	Japanese Patent Off.			
	AM	JP Patent Abstract for Pub. 2000153178 A	06-06-2000	Japanese Patent Off.			
	AN	JP Patent Abstract for Pub. 2001046906	02-20-2001	Japanese Patent Off.			
	AO	JP Patent Abstract for Pub. 2002276999 A	09-25-2002	Japanese Patent Off.			
	AP	Abstract & Patent No. SU 19894708691	05-27-1998				
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
	AQ	Frequently Asked Questions About our IG-133- model series ionizers, from advertisement of copyright ©2004 Comtech Research LLC, 12/16/2004					
	AR	The Low Voltage Ozone Generator, Sergey I. Andreev, by Ohio Scientific Consulting Corporation, (OSCC)					
	AS						
	AT						
	AU						
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /RLC/

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	AA	4,427,636	01-24-1984	Obenshain	422	186.07	12-21-1981
	AB	4,434,771	02-16-1982	Slomnicki	123	539	02-16-1982
	AC	4,461,744	07-24-1984	Erni, et al.	422	186.18	12-17-1981
	AD	4,462,965	07-31-1984	Azuma, et al.	422	186.08	06-03-1982
	AE	4,504,446	03-12-1985	Kunicki, et al.	422	186.19	11-25-1981
	AF	4,541,989	09-17-1985	Foller	422	186.07	01-27-1983
	AG	4,555,335	11-26-1985	Burris	210	192	03-23-1982
	AH	4,614,573	09-30-1986	Masuda	204	176	05-03-1985
	AI	4,640,782	02-03-1987	Burleson	210	748	03-13-1985
	AJ	4,650,573	03-17-1987	Nathanson	210	136	01-14-1985
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	Internat'l Pub. No. WO 00/01737	01-13-2000	WIPO			
	AL	Internat'l Pub. No. 02/25180 A1	03-28-2000	WIPO			
	AM	Internat'l Pub. No. WO 03/028773 A1	04-10-2003	WIPO			
	AN	Internat'l Pub. No. WO 2004/047877 A2	06-10-2003	WIPO			
	AO	Internat'l Pub. No. WO 97/34682	09-25-1997	WIPO			
	AP	US Pub. No. 2002/0058000	05-16-2002	U. S.			
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	AA	4,656,010	04-07-1987	Leitzke, et al.	422	186.18	04-26-1985
	AB	4,690,803	09-01-1987	Hirth	422	186.18	04-14-1986
	AC	4,696,800	09-29-1987	Sasaki, et al.	422	186.18	05-19-1986
	AD	4,725,412	02-16-1988	Ito	422	186.19	05-27-1986
	AE	4,764,349	08-16-1988	Arff, et al.	422	186.18	07-23-1987
	AF	4,786,489	11-22-1988	Grenier, et al.	423	581	04-15-1986
	AG	4,790,980	12-13-1988	Erni, et al.	422	186.15	06-12-1986
	AH	4,842,829	06-27-1989	Hirai, et al.	422	186.08	11-14-1986
	AI	4,857,277	08-15-1989	Broomfield	422	186.07	11-09-1987
	AJ	4,859,429	08-22-1989	Nisenson	422	186.13	06-30-1988
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	Pub. No. US 2002/0094309	07-18-2002				
	AL	Pub. No. US 2002/0098109	07-25-2002				
	AM	Pub. No. US 2002/0134736	09-26-2002				
	AN	Pub. No. US 2002/0039577	02-27-2002				
	AO	Pub. No. US 2003/0113246	06-19-2003				
	AP	Pub. No. US 2003/0146082	08-07-2003				
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			FILING DATE January 18, 2006	GROUP 1797			
U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	4,863,497	09-05-1989	Grenier, et al.	55	181	08-09-1988
	AB	4,877,588	10-31-1989	Ditzler, et al.	422	186.19	06-17-1988
	AC	4,886,645	12-12-1989	Fischer, et al.	422	186.18	10-27-1988
	AD	4,904,289	02-27-1990	Miyakami, et al.	62	157	03-11-1988
	AE	4,960,569	10-02-1990	Fovell, et al.	422	186.19	11-14-1988
	AF	4,941,270	07-17-1990	Hoffman	34	60	02-08-1989
	AG	4,981,656	01-01-1991	Leitzke	422	186.18	05-31-1989
	AH	4,909,996	03-20-1990	Uys	422	186.07	01-04-1989
	AI	4,976,920	12-11-1990	Jacob	422	23	03-31-1989
	AJ	4,992,246	02-12-1991	Serizawa, et al.	422	186.13	05-02-1988
FOREIGN PATENT OR PUBLISHED PATENT APPLICATION							
		DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
	AK	Pub. No. US 2004/0047776	03-11-2004				
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			U. S. PATENT DOCUMENT				
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,004,587	04-02-1991	Tacchi	422	186.19	02-05-1990
	AB	5,008,087	04-16-1991	Batchelor	422	186.22	06-06-1990
	AC	5,015,442	05-14-1991	Hirai	422	121	02-24-1989
	AD	5,034,032	07-23-1991	Yikai, et al.	55	124	06-05-1989
	AE	5,034,198	07-23-1991	Kaiga, et al.	422	186.07	01-04-1990
	AF	5,039,314	08-13-1991	Lehner, et al.	55	26	06-25-1990
	AG	5,047,127	09-10-1991	Tottori, et al.	204	176	07-31-1990
	AH	5,055,115	10-08-1991	Yikai, et al.	55	124	06-05-1989
	AI	5,082,558	01-21-1992	Burris	210	167	08-31-1990
	AJ	5,093,087	03-03-1992	Freeman	422	186.15	02-19-1991
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,120,512	06-09-1992	Masuda	422	297	09-18-1990
	AB	5,124,132	06-23-1992	Francis, Jr., et al.	422	186.07	06-20-1991
	AC	5,124,905	06-23-1992	Kniepkamp	363	19	07-22-1991
	AD	5,145,653	09-08-1992	Fischer, et al.	422	186.18	03-15-1991
	AE	5,154,895	10-13-1992	Moon	422	186.07	02-27-1991
	AF	5,171,525	12-15-1992	Jacob	562	392	08-03-1990
	AG	5,185,903	02-16-1993	Choi	15	339	05-09-1991
	AH	5,186,903	02-16-1993	Cornwell	422	122	02-16-1993
	AI	5,203,972	04-20-1993	Shimamune, et al.	204	129	11-26-1991
	AJ	5,207,993	05-04-1993	Burris	422	256	03-18-1991
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,213,773	05-25-1993	Burris	422	256	03-10-1992
	AB	5,221,520	06-22-1993	Cornwell	422	122	06-22-1993
	AC	5,223,105	06-29-1993	Arthurson	204	176	06-29-1990
	AD	5,230,220	07-27-1993	Kang, et al.	62	78	05-11-1992
	AE	5,268,151	12-07-1993	Reed, deceased, et al.	422	186.16	10-12-1990
	AF	5,302,343	04-12-1994	Jacob	422	23	04-02-1993
	AG	5,306,471	04-26-1994	Harbert, et al.	422	186.18	08-20-1991
	AH	5,332,563	07-26-1994	Chang	423	245	01-13-1992
	AI	5,366,703	11-22-1994	Liechti, et al.	422	186.11	02-10-1992
	AJ	5,368,816	11-29-1994	Detzer	422	28	04-22-1993
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			U. S. PATENT DOCUMENT				
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,387,400	02-07-1995	Pelster	422	186.03	03-25-1994
	AB	5,411,713	05-02-1995	Iwanaga	422	186.15	07-01-1992
	AC	5,445,798	08-29-1995	Ikeda, et al.	422	121	11-22-1993
	AD	5,460,705	10-24-1995	Murphy, et al.	204	252	07-13-1993
	AE	5,466,425	11-14-1995	Adams	422	186.3	07-08-1994
	AF	5,489,533	12-26-1995	Inculet	422	186.07	08-17-1994
	AG	5,484,472	01-16-1996	Weinberg	96	26	02-6-1995
	AH	5,484,570	01-16-1996	Ikeda, et al.	422	1	09-22-1994
	AI	5,493,754	02-27-1996	gurstein, et al.	15	321	03-28-1995
	AJ	5,520,893	05-28-1996	Kasting, Jr., et al.	422	305	09-29-1993
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,527,459	06-18-1996	Ikeda, et al.	210	188	09-22-1994
	AB	5,529,760	06-25-1996	Burris	422	186.07	12-13-1994
	AC	5,593,598	01-14-1997	McGinness, et al.	210	748	04-20-1994
	AD	5,601,786	02-11-1997	Monagan	422	108	06-01-1995
	AE	5,611,868	03-18-1997	Gurstein, et al.	134	21	12-13-1994
	AF	5,656,063	08-12-1997	Hsu	95	58	01-29-1996
	AG	5,656,242	08-12-1997	Morrow, et al.	422	121	06-07-1995
	AH	5,667,564	09-16-1997	Weinberg	96	58	08-14-1996
	AI	5,681,533	10-28-1997	Hiromi	422	121	10-30-1995
	AJ	5,752,878	05-19-1998	Balkany	484	236	10-11-1995
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	5,759,487	06-02-1998	Jung	422	22	09-28-1995
	AB	5,766,560	06-16-1998	Cole	422	186.18	01-27-1997
	AC	5,702,507	12-30-1997	Wang	96	55	09-17-1996
	AD	5,766,560	06-16-1998	Cole	422	186.18	01-27-1997
	AE	5,814,135	09-29-1998	Weinberg	96	58	09-15-1997
	AF	5,820,828	10-13-1998	Ferone	422	124	06-28-1996
	AG	5,824,274	10-20-1998	Long	422	186.07	01-28-1997
	AH	5,833,740	11-10-1998	Brais	96	16	11-25-1996
	AI	5,880,916	03-09-1999	Hsieh	361	230	01-29-1998
	AJ	5,872,426	02-16-1999	Kunhardt, et al.	313	582	03-18-1997
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	AA	5,904,896	05-18-1999	High	422	4	11-06-1997
	AB	5,939,030	08-17-1999	Moxley et al.	422	186.07	05-08-1997
	AC	5,961,919	10-05-1999	Tachibana, et al.	422	3	05-13-1997
	AD	5,972,196	10-26-1999	Murphy, et al.	205	466	07-31-1997
	AE	6,005,349	12-21-1999	Kunhardt, et al.	315	111.21	02-12-1999
	AF	6,013,021	01-11-2000	Lee	600	9	12-10-1997
	AG	6,013,189	01-11-2000	Burris	210	750	01-09-1998
	AH	6,039,884	03-21-2000	Burris, et al.	210	760	03-04-1998
	AI	6,042,637	03-28-2000	Weinberg	96	58	09-28-1998
	AJ	6,147,452	11-14-2000	Kunhardt, et al.	313	582	09-16-1998
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
	AA	6,153,151	11-28-2000	Moxley, et al.	422	186.07	08-05-1999
	AB	6,200,539	03-13-2001	Sherman, et al.	422	186.04	07-20-1999
	AC	6,277,291	08-21-2001	Burris	210	760	01-09-1998
	AD	6,342,187	01-29-2002	Jacob, et al.	422	186.05	09-21-2000
	AE	6,375,904	04-23-2002	Skillman, et al.	422	172	12-20-1999
	AF	6,387,241	05-14-2002	Murphy, et al.	205	626	10-25-1999
	AG	6,391,269	05-21-2002	Yoshimatu	422	186.07	08-04-1998
	AH	6,447,731	09-10-2002	Sun, et al.	422	121	06-28-2000
	AI	6,468,953	10-22-2002	Hitchems, et al.	510	218	08-03-2000
	AJ	6,475,215	11-05-2002	Tanrisever	606	45	10-12-2000
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	AA	6,503,458	01-07-2003	Ogle	422	121	03-21-2000
	AB	6,508,982	01-21-2003	Shoji	422	22	12-22-1998
	AC	6,545,608	04-08-2003	Kaufman	340	577	06-23-2000
	AD	6,589,486	07-08-2003	Spanton	422	121	12-21-1999
	AE	6,589,489	07-08-2003	Morrow, et al.	422	186.3	03-30-2001
	AF	6,673,137	01-06-2004	Wen	96	224	11-27-2001
	AG	6,680,028	01-20-2004	Harris	422	122	02-08-1999
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